Glentham

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

- t: +44 (0) 1225 667 798
- f: +44 (0) 2033 978 909
- e: info@glentham.com

w: www.glentham.com

Product Datasheet

GB1923 - TRIS Ultrapure, 99.9%, Ph.

Eur. grade

Product Details

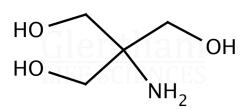
Product Name	TRIS Ultrapure, Eur. grade	
Glentham Code	GB1923	
CAS Number	77-86-1	
EINECS	201-064-4	
Numéro MDL	MFCD00004679	
CAS supplémentaire	83147-39-1	
PubChem SID	310281446	
Related Categories	APIs, Biochemic Raw Materials (I Reagents for Ge Electrophoresis Reagents for Ge Electrophoresis	

77-86-1 201-064-4 MFCD00004679 83147-39-1 310281446 APIs, Biochemicals, Buffers, Raw Materials (IVD), PCR, Reagents for Gel Electrophoresis of DNA/RNA, Reagents for Gel Electrophoresis of Proteins, Reagents for Cell Culture, Reagents for Northern and Southern Blotting, Reagents for Western Blotting

99.9%, Ph.

Structure

 $\begin{array}{rcl} \mbox{Molecular Weight} & : & 121.14 \\ \mbox{Molecular Formula} & : & \mbox{C}_4\mbox{H}_{11}\mbox{NO}_3 \end{array}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP. Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	:	White crystalline powder or colourless crystals
Identification (IR)	:	To conform to standard
Solubility (1M in water)	:	Clear, colourless solution
pH (1M in water)	:	10.5 - 11.5
Water Insoluble Matter	:	≤ 0.005%
Melting Point	:	168.0 - 172.0 °C
UV Absorption (1M in water)	:	290nm: ≤ 0.050
Heavy Metals (as Pb)	:	≤ 1ppm
Iron (Fe)	:	≤ 1ppm
Chloride (Cl)	:	≤ 5ppm
Related Substances (TLC)	:	To pass Ph. Eur. test (≤ 1%)
Residue on Ignition	:	≤ 0.1%
Loss on Drying	:	≤ 0.5% (3h, 105°C)
Assay (Titration)	:	99.90 - 100.50 % (dried substance)
Pharmacopoeia Specification(s)	:	Ph. Eur.
Version	:	v1.1

About TRIS Ultrapure, 99.9%, Ph. Eur.

grade

TRIS is a base commonly used as a component of biological buffer solutions for maintaining pH within the physiological range (pH 7-9). It is also used in pharmaceuticals as an emulsifying agent, in the treatment of metabolic acidosis, and as a primary standard for standardising acid solutions.

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